Name of System:	

_	
n	#

## SURFACE WATER SOURCE

Plant Name:(Please note: all violations listed below included the plant Name in the plant Name i	de paragraph numbers f	rom §290 of the Rules a	EP #: and Regulations for PWSs.)		_	
A. RAW WATER SOURCE AND INTAKE	Y	. <b>N</b>			Y	N
TNRCC Intake ID#(s)						
Liquid/solid wastes on watershed controlled?	[.41(e)(1)(B)]	-	screens or grates?	[.41(e)(2)(F)]	_	_
If yes, by whom?			nas, piers > 1000'?	[.41(e)(2)(B)]	_	_
Variable level intake or acceptable fixed level?	[.41(e)(2)(E)] _	_ 200' restricted zo	ne marked and reg.s est.?	[.41(e)(2)(C)]	_	-
B. GENERAL						
Pumps and treatment facilities not subject to floo	ding? [.41(e)(3)] _	_ No cross-connect	ions or common partition walls?	[.42(d)(2)]	_	_
Proper distance from wastewater facilities?	[.41(e)(3)(A)]	<del>-</del>	on all hose bibs?	[.42(d)(2)(A)]	_	_
Intruder resistant fencing?	[.41(e)(3)(C)] _		decant return and discharge?	[.42(d)(3)]	_	_
All weather road to treatment plant and intake?	$[.41(e)(3)(D)]$ _		pped lab. and sample taps?	[.42(d)(13)]	_	_
Raw and treated water flow meters?	[.42(d)(5)] _		equip. observed & adeq.?	[290.119]	_	_
Complete treatment and required log reductions		_ Continuous water	r quality monitoring?	[.46(e)(2)]	_	_
Plant Operations Manual?	[.42(j)] _	_				
CONTROL TESTS: pH	Alkalinity (mg/l)	Turbidity (NTU)	Cl, (T or F, mg/l)	Other		
Field Results:	111111111111111111111111111111111111111	Turetony (1/10)				
System Results:						
System Resurts.		1				
C. CHEMICAL FEED FACILITIES Standby chemical feeders of each type/use? Accurate chemical metering and flow adjustmen Separate dry chemical feed room with dust control? Day tanks provided if necessary? Open channels or non-clogging feed lines?		<ul><li>Backflow preven</li><li>Sufficient chemic</li></ul>	and coagulant feed continuous? tion on make-up water lines? cal application points? chemical storage?	[.42(d)(7)(F)] [.42(d)(2)(C)] [.42(d)(7)(H)] [.42(d)(6)(C)]	- - -	- - -
D. SEDIMENTATION Solids Contact	Straight-Flow					
Adequate flash mixing and flocculation equipment?	[.42(d)(8)] _	<ul> <li>Acceptable sludge</li> </ul>	removal and depth measurement?	[.42(d)(9)(A)]	_	_
Settled water turbidity < 5 NTU?	[.42(d)(8)(B)] _	Short circuiting a	nd floc destruction prevented?	[.42(d)(9)(B)]	_	_
For flow > 3MGD, parallel mix. and floc. units?	[.42(d)(8)(C)] _	$\_$ For flow $> 3$ MG.	D, parallel clarification units?	[.42(d)(9)(E)]	_	-
E. FILTRATION Gravity Pressure _		Media Type	Media Depth			
Acceptable filter rate and flow limiting devices?	[.42(d)(10)] _	Loss of head indi-	cators?	[.42(d)(10)(C)(v)]	_	_
Duplicate capacity for pressure filters?	[.42(d)(10)(C)(iii)] _	_ Filter-to-waste co	onnections air gapped?	[.42(d)(2)(E)]	_	_
No pressure filters for plants $\geq 0.50 \text{ MGD}$	[.42(d)(10)(C)] _	_ Filters and other t	treatment units separated?	[.42(d)(2)(D)]	_	_
Proper type and depth of media?	[.42(d)(10)(A)] _	<ul> <li>Adeq. room, light</li> </ul>	t, vent. & drain. in pipe gallery?	[.42(d)(11)]	_	_
Proper backwash design and flow rate?	[.42(d)(10)(D)] _	Proper piping ide	ntification?	[.42(d)(12)]	_	_
Surface wash vacuum breaker properly installed	? $[.42(d)(10)(D)(iv)]$ _		respection of pressure filters?	[.46(p)(3)]	_	_
Rate of flow controllers?	[.42(d)(10)(C)(iv)] _	_ Filters properly be	ackwashed?	[.46(q)]	_	_
Filter Sampling Taps?	[.42(d)(10)(C)(vii)] _	_				
F. DISINFECTION						
Adequate disinfectant residual in clearwell?	[.42(e)(1)] _	_ Standby disinfect	ion unit of each capacity?	[.42(e)(4)(C)]	_	_
Pre and post disinfection available?	[.42(e)(4)(F)] _	_				

TNRCC-0077B (09-01-95) Page 5

I.D. No	
Plant Name:	
Source I D ·	

## TREATMENT PLANT CAPACITY EVALUATION

INDATME	ENTITUAL CAPACITIE VALUATION
Total Number of Conn. Served:System Maximum Daily Demand (MDD):	(A)
Min. Req'd Cap.: 0.6 GPM/Conn. X	Conn = GPM
	= MGD
Raw Water Pump Capacity	
Number and Sizes: GPM =	MGD
Cap. w/o largest unit: GPM	{C} 1 = MGD
Adeq. Raw Water Pump Cap.? (Is {D} > {B}?) [.4]	{ <b>D</b> } 45(b)(2)(A) & (c)(2)(A)]
Sedimentation Basin Capacity Solids Contact	
Req'd Detention Time (min.): 120, 270, 360 or Ot Max. Cap.: Gal. / = _	ther(Note: Circle One)
Transfer Pump Capacity Number and Sizes:	
Number and Sizes: GPM =	MGD
Cap. w/o largest unit: GPM = GPM =	= MGD
Adea. Transfer Pump Cap.? (Is $\{G\} > \{B\}$ ?)[.45(b)	{ <b>G</b> } )(2)(C) & (c)(2)(C)]
Filter Capacity Pressure Gravity Number and Dimensions: Total Area: ft² Media Type: Sand, Dual, Mixed or Other Maximum Filter Rate (GPM/ft²): 2, 5 or Other Max. Capacity: ft² X	(Note: Circle One)
Miscellaneous (Other Capacity Restrictions)	$\{\mathbf{H}\}$
Description: GPM =	MGD
	{I}
Treatment Plant Capacity Normal Rated Design Flow:	
(Note: Smaller of {C}, {E}, {F}, {H} or {I} above)  Limiting Component?:  Treatment Plant Cap. Exceeds Min. Reald Cap.? (	$\{J\}$ $(Is \{J\} \ge \{B\}?)[.45(b)(2)(B) & (c)(2)(B)]$
	A}?)[.42(a)]
Clearwell Capacity	
Total Volume: Gal. = 0.05 X MG =	MG
0.05 X MG =	MG
(5%) (Normal Rated Design Flow, {J} above) { (Note: Min. Clearwell Cap. for Transient NC Sys	{L}